

JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

Publication Number: 11206885 A

Date of Publication: 1999.08.03

Int.Class: A61M 16/04

Date of Filing: 1998.11.10

Applicant: SMITHS IND PLC

Inventor: PAGAN ERIC

MASK ASSEMBLY FOR LARYNGEAL PART

Abstract:

PROBLEM TO BE SOLVED: To provide an improved mask assembly for laryngeal part.

SOLUTION: This invention relates to a mask assembly for laryngeal part, comprising an expandable cuff attached to an end part 14 of a tube 1 on a patient's side. The cuff includes a section 15 formed on its front surface 16 and a section 18 formed on its rear surface, and these sections expand preferentially with an increase in gas pressure. To insert the cuff into a human body, the cuff is expanded at a low pressure into a configuration. Then, to dispose the cuff precisely in the human body, the cuff is further expanded so that the section 15 of the front surface 16 may be expanded to be engaged with the epiglottis and that the section 18 of the rear surface 17 may be expanded to be engaged with the adjoining tissue so as to push the front surface 16 forward.

COPYRIGHT: (C)1999,JPO

